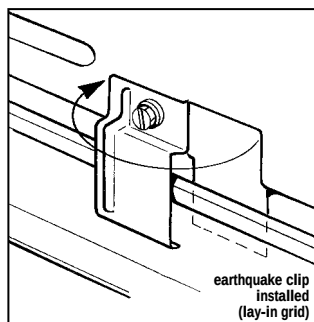
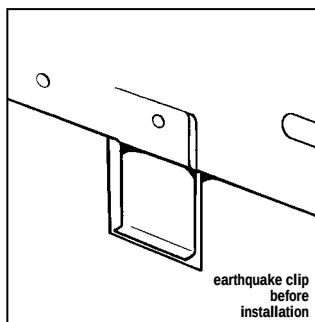
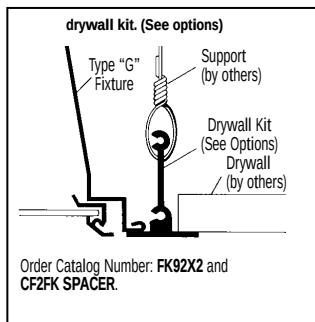
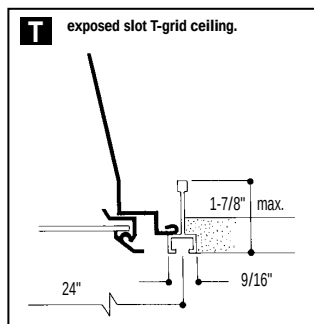
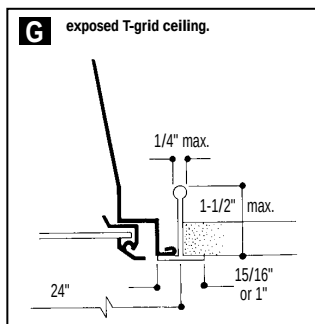


2' x 2' Recessed Fluorescent, IC Lens Frame Troffer Static, 2-6" U Lamp T8

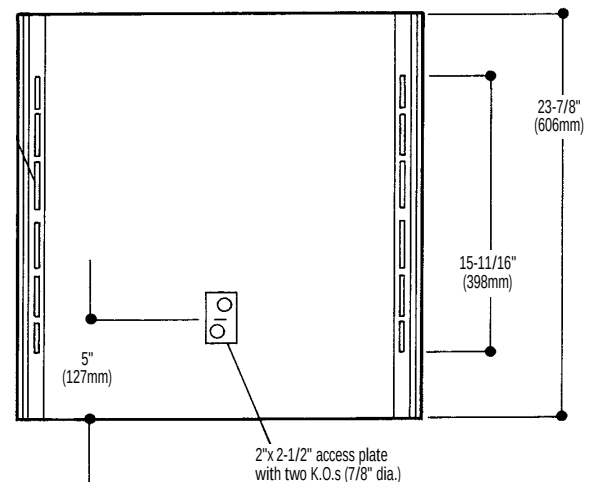
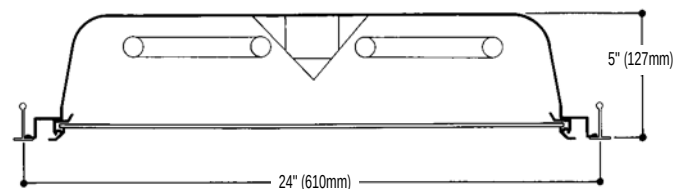
- UL Listed Type IC Recessed Luminaire (Intended for Direct Thermal Insulation Contact).
- Construction provides optimum thermal performance.
- Ballast mounted with thermal heat sink.
- Ideal for fire rated ceilings.
- Black exterior for cooler ballast operating temperature.
- 5" deep body.
- 71.6% efficient
- 2-9/16" lamp to lens for better lamp obscuration.
- Hemmed over side rails for maximum safety.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- True Mitered corner steel lens frame.
- Spring loaded rooster head latches.
- 18 gauge steel hinges.
- Flat and regressed aluminum doors available.
- Construction to meet Chicago Plenum requirements is available.



Mounting Methods



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

For Factory Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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08/08

SECTION 7/Folio Q80-10

Model No. ICS2GFSVA26U120SO

LER = FP - 58.4 IW - 56.5 BF - 0.87
Comparative yearly lighting energy cost per
1000 lumens = \$3.86

Report Number: G00036
Catalog Number: ICS2GFSVA26U120SO
Lamp: (2) T8 U6
Luminaire: IC 2' X 2' with VA lens
Ballast: M2-RN-T81LL-D-120
Report is based on 2750 Lumens per lamp.
Efficiency: 71.6%
CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.2
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 21.720 21.720

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD, EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	70	80	50	30	10	50	30	10
1	79	76	73	71	69	67	68	66
2	72	67	62	63	60	57	61	58
3	66	60	54	56	52	49	54	51
4	61	53	48	51	46	42	49	45
5	57	48	42	46	41	37	44	40
6	53	44	38	42	37	33	41	36
7	49	40	34	38	33	29	37	33
8	46	36	31	35	30	26	34	30
9	43	34	28	32	27	24	32	27
10	40	31	26	30	25	22	29	25

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	4199.	4454.	4565.
55	3167.	3390.	3728.
65	2432.	2091.	2572.
75	2195.	1789.	2627.
85	2223.	2035.	2563.

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1708	1708	1708	
5	1700	1698	1702	162
15	1620	1635	1655	462
25	1467	1501	1531	691
35	1231	1274	1328	798
45	904	959	1069	748
55	553	592	651	531
65	313	269	331	302
75	173	141	207	180
85	59	54	68	63
90	0	0	0	

TYPICAL V.C.P.'s

Room Size	Mounting Height	
	Lengthwise	Crosswise
	Luminaires 0 Deg Plane	Luminaires 90 Deg Plane
	8.5 10 13 16	8.5 10 13 16
30x30	50 54 58 63	47 51 55 60
40x40	47 50 53 56	44 47 50 53
60x30	52 56 60 64	51 55 58 62
60x60	44 46 47 50	41 43 44 48
100x100	44 44 43 45	42 41 40 41

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	1315	23.9	33.4
0- 40	2113	38.4	53.7
0- 60	3392	61.7	86.1
0- 90	3938	71.6	100.0
90-180	0	0.0	0.0
0-180	3938	71.6	100.0

Ordering Information

Explanation of Catalog Number. Example: ICS2GFSVA26UUNVHI

IC IC Series: Recessed Lens suitable for Direct Thermal Insulation Contact	S Body Style: S=Static	2 Fixture Width	G Ceiling Type: G= Grid (lay-in T bar) T= Slot grid	VA Lens Frame: FS= Flat steel frame. RA= Regressed aluminum frame. FA= Flat aluminum frame.	VA Lens Shielding Type: VA=Virgin acrylic (standard), see options and consult factory	6U Lamp Type/ Fixture Length: (By Others) 6U=6"U Lamp T8 (Nominal 24")	120, 277 or UNV=120-277 Voltage: 120, 277 or UNV=120-277	1-2 Lamp Elec. T8 Ballast Type: <20THD SO * <10THD HI *	Options: Lamps Flex EM Pack Fuse (Consult your representative)
IC Standard IC Lens									
IY For NYC Code - I.B.E.W. Manufactured									
IX For NYC Code - Local 3 Manufactured 5 1/2" Deep Body									

Options/Accessories

Special Lenses: Substitute **VY** for **VA** (standard) = .125" nominal pattern 12 with 7.8 oz. average weight per square foot. Substitute **VI** for **VA** (standard) = .125" nominal pattern 12 with 6.8 oz. average weight per square foot.

Radio Interference Filter: To order one RIF per fixture; SUFFIX: **R**.
To order one RIF per ballast; SUFFIX: **B**.

Electrical Wiring Options: Consult factory.

Drywall Kit: Order Catalog Number: **FK92X2**.

(Request Folio OA30-10 Rev. A).

Chicago Plenum: SUFFIX: **C**.

Specifications

Performance: In an installation of 2 lamp 31W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .76. To prevent glare the VCP shall be not less than 41 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 2572 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 66.9%.

Materials: Chassis parts are die-formed code gauge cold rolled steel. Housing with side rails hemmed over and housing ends turned-in for safe handling.

Specifications (continued)

Finish: Chassis exterior—black baked polyester enamel. Cavity—white baked polyester enamel minimum 86% reflectance. Rust preventative undercoating.

Lenses: VA (standard) extruded virgin acrylic, 3/16" square based female cones, running 45° to the panel edge, .095" nominal thickness (similar to pattern 12). VY (optional) .125" nominal pattern 12 with 7.8 oz. average weight per square foot. VI (optional) .125" nominal pattern 12 with 6.8 oz. average weight per square foot.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

Labels: I.B.E.W. UL and ULc Listed.

This product may have a mercury containing lamp. Manage in accord with Disposal Laws.

See: www.lamprecycle.org

Job Information

Type:

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